

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil stng

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
42.60	377.11

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-17.94

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 12:32:29 ON 06 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Aug 31, 2007 (20070831/UP).

=> file hcaplu

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.24	377.35

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-17.94

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 12:34:50 ON 06 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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10/569812 MMP - UPDATED SEARCH REG NUMBERS

FILE COVERS 1907 - 6 Sep 2007 VOL 147 ISS 11  
FILE LAST UPDATED: 5 Sep 2007 (20070905/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> d his

(FILE 'HOME' ENTERED AT 11:55:46 ON 06 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:56:07 ON 06 SEP 2007

L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 19 S L1 SSS FULL  
E L3 1-19 RN

FILE 'HCAPLUS' ENTERED AT 11:58:43 ON 06 SEP 2007

L4 11 S L3

FILE 'STNGUIDE' ENTERED AT 11:59:09 ON 06 SEP 2007

FILE 'STNGUIDE' ENTERED AT 12:14:21 ON 06 SEP 2007

FILE 'REGISTRY' ENTERED AT 12:19:26 ON 06 SEP 2007

L5 9 S 865233-31-4/RN OR 372082-15-0/RN OR 331430-38-7/RN OR 300589  
L6 10 S 107039-93-0/RN OR 107039-92-9/RN OR 101730-69-2/RN OR 91

FILE 'HCAPLUS' ENTERED AT 12:22:05 ON 06 SEP 2007

L7 3 S L5  
L8 9 S L6

FILE 'STNGUIDE' ENTERED AT 12:22:59 ON 06 SEP 2007

FILE 'HCAPLUS' ENTERED AT 12:26:31 ON 06 SEP 2007

L9 0 S US20060-235074/PN  
L10 1 S US200600235074/PN

FILE 'REGISTRY' ENTERED AT 12:27:29 ON 06 SEP 2007

L11 7 S 845786-08-5/RN OR 845786-09-6/RN OR 845786-10-9/RN OR 84578  
L12 13 S 845786-15-4/RN OR 845786-16-5/RN OR 845786-17-6/RN OR 845786

FILE 'STNGUIDE' ENTERED AT 12:32:29 ON 06 SEP 2007

FILE 'HCAPLUS' ENTERED AT 12:34:50 ON 06 SEP 2007

=> s l12

L13 1 L12

=> d l13 ibib abs

L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:158625 HCAPLUS

DOCUMENT NUMBER: 142:261292

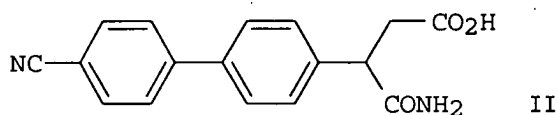
TITLE: Preparation of (hetero)aryl-substituted succinate  
derivatives as matrix metalloproteinase inhibitors

INVENTOR(S): Holmes, Ian; Watson, Stephen Paul

## 10/569812 MMP - UPDATED SEARCH REG NUMBERS

PATENT ASSIGNEE(S): Glaxo Group Limited, UK  
 SOURCE: PCT Int. Appl., 36 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005016868	A2	20050224	WO 2004-EP9087	20040812
WO 2005016868	A3	20050519		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1654218	A2	20060510	EP 2004-764084	20040812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007502259	T	20070208	JP 2006-522996	20040812
US 2006235074	A1	20061019	US 2006-569812	20060210
PRIORITY APPLN. INFO.:			GB 2003-19069	A 20030814
			WO 2004-EP9087	W 20040812
OTHER SOURCE(S):			CASREACT 142:261292; MARPAT 142:261292	
GI				



AB Title compds. represented by the formula I, R1ZQCH(R2)CH2X, [wherein R1 = (un)substituted alkyl(cycloalkyl), alkylheterocycloalkyl, alkylaryl, etc.; Z = a bond, CH2, O, S, etc.; Q = (un)substituted (hetero)aryl; X = COR3; R2 = CONH2, CO2H, sulfonylamino, etc.; R3 = OH, oxyalkyl or (un)substituted amino; with a proviso; and physiol. functional derivs. thereof] were prepared as matrix metalloproteinase (MMP) inhibitors. Coupling reaction of 4-amino-3-(4-bromophenyl)-4-oxobutanoic acid with p-nitrilephenylboronic acid gave II in 100% yield. I showed inhibition of MMP-12 with IC50 values of below 100 µM. Thus, I and their pharmaceutical compns. are useful as matrix metalloproteinase inhibitors for the treatment of inflammation or autoimmune disease (no data).

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FILE CONTENT: 1961-PRESENT VOL 145 ISS 17 (20061020/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

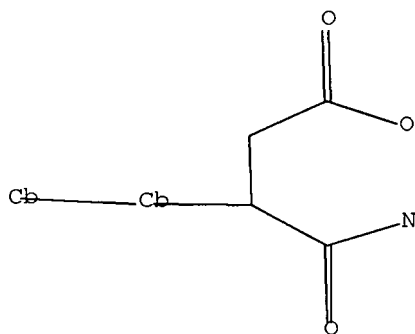
MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES  
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US	7108861	19	SEP	2006
DE	102005009517	31	AUG	2006
EP	1696501	30	AUG	2006
JP	2006228955	31	AUG	2006
WO	2006091896	31	AUG	2006
GB	2423301	23	AUG	2006
FR	2882363	25	AUG	2006
RU	2282647	27	AUG	2006
CA	2547866	22	AUG	2006

Expanded G-group definition display now available.

=> d que 171

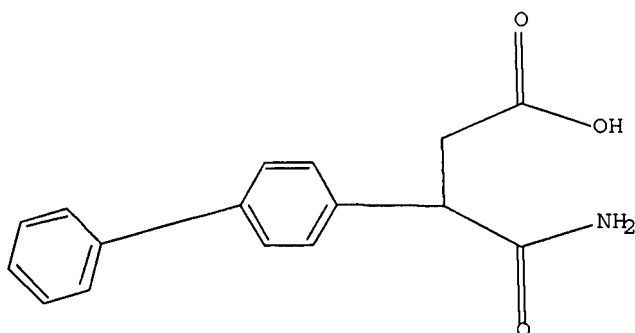
L47 STR



Structure attributes must be viewed using STN Express query preparation.

L55 348 SEA FILE=MARPAT SSS FUL L47

L68 STR



STN STN Search  
3/07  
Marpat  
Beilstein  
all  
9/11/07

Structure attributes must be viewed using STN Express query preparation.

L70 103 SEA FILE=MARPAT SUB=L55 SSS FUL L68  
L71 101 SEA FILE=MARPAT ABB=ON PLU=ON L70/COM

=> d ibib abs qhit 171 81-101

L71 ANSWER 81 OF 101 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 124:232069 MARPAT Full-text

TITLE: Preparation of arylsulfonfylaminomethylhydroxamic acids and related compounds as matrix metalloproteinase inhibitors.

INVENTOR(S): Miller, Andrew; Whittaker, Mark; Beckett, Raymond Paul

PATENT ASSIGNEE(S): British Biotech Pharmaceuticals Ltd., UK

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

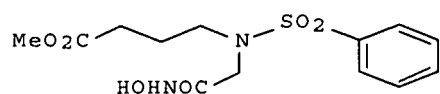
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9535276	A1	19951228	WO 1995-GB1465	19950622
W: AU, BR, CA, CN, CZ, DE, FI, GB, HU, JP, KR, NO, NZ, PL, RU, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2193691	AA	19951228	CA 1995-2193691	19950622
CA 2193692	AA	19951228	CA 1995-2193692	19950622
AU 9527466	A1	19960115	AU 1995-27466	19950622
AU 690703	B2	19980430		
GB 2303850	A1	19970305	GB 1996-23675	19950622
GB 2303850	B2	19980610		
EP 766665	A2	19970409	EP 1995-922639	19950622
EP 766665	B1	19990728		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CN 1151157	A	19970604	CN 1995-193714	19950622
JP 10507158	T2	19980714	JP 1995-501848	19950622
AT 182581	E	19990815	AT 1995-922639	19950622
ES 2133785	T3	19990916	ES 1995-922639	19950622
ES 2145913	T3	20000716	ES 1995-922638	19950622
PT 766664	T	20000831	PT 1995-922638	19950622
FI 9605153	A	19961220	FI 1996-5153	19961220
US 6022898	A	20000208	US 1996-765146	19961223
US 6124332	A	20000926	US 1999-243130	19990203
US 6124329	A	20000926	US 1999-343087	19990630
PRIORITY APPLN. INFO.:				GB 1994-12514 19940622
				GB 1995-6107 19950324
				WO 1995-GB1465 19950622

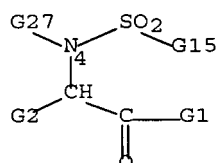
GI



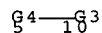
I

AB XR1CHNR2(YZ) [X = CO2H, CONHOH; R1 = (protected) amino acid side chain; R2 = Z1QW; Z1 = H, (substituted) aryl, heteroaryl, heterocyclyl, cycloalkyl, cycloalkenyl; QW = bond; or Q = O, S; W = (O-, S- or imino-interrupted) (substituted) alkylene, alkenylene; or Q = bond; Y = SO2; Z = (substituted) aryl, heteroaryl], were prepared as metalloproteinase inhibitors (no data). I and 16 similar compds. were prepared

MSTR 1



G3 = biphenyl  
 G4 = alkylene <containing 1-8 C>  
 (opt. substd. by 1 or more G13)  
 G13 = CO2H / CONH2  
 G27 = 5



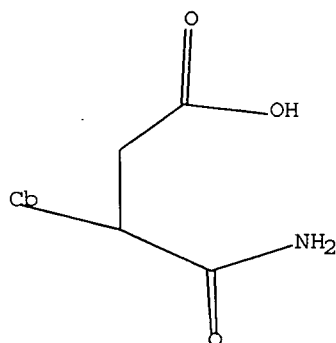
Derivative: or salts, hydrates, or solvates  
 Patent location: claim 1

L71 ANSWER 82 OF 101 MARPAT COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 123:227994 MARPAT Full-text  
 TITLE: Heterocyclic derivatives as platelet aggregation inhibitors  
 INVENTOR(S): Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull, Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute, Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney  
 PATENT ASSIGNEE(S): Zeneca Ltd., UK  
 SOURCE: PCT Int. Appl., 145 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 5  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9422834	A1	19941013	WO 1994-GB647	19940328
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU,				

RN 845786-27-8 HCAPLUS

CN Benzeneacetic acid,  $\alpha$ -(2-amino-2-oxoethyl)-4-(2-cyclohexylethoxy)-  
(9CI) (CA INDEX NAME)



L82 ANSWER 5 OF 55 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:756696 HCAPLUS Full-text

DOCUMENT NUMBER: 141:260561

TITLE: A preparation of focused library of  
quinolinecarboxylic acid derivatives, useful as  
caspase enzyme inhibitors

INVENTOR(S): Ivashchenko, Alexander Vasilievich; Kobak, Vladimir  
Vasilievich; Kysil, Volodymyr Mikhailovich; Kuzovkova,  
Yulia Aleksandrovna; Ilyin, Alexey Petrovich;  
Kravchenko, Dmitri Vladimirovich; Tkachenko, Sergey  
Yevgenievich; Khvat, Alexander Viktorovich; Okun, Ilya  
Matusovich

PATENT ASSIGNEE(S): Chemical Diversity Research Institute, Ltd., Russia

SOURCE: PCT Int. Appl., 182 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Russian

FAMILY ACC. NUM. COUNT: 2

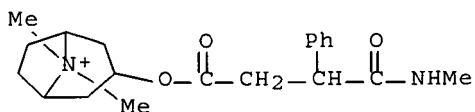
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004078731	A1	20040916	WO 2004-RU81	20040303 <--
W:				
AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG,				
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CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,				
ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,				
IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC,				
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MZ, MZ, NA, NI				
RW:				
BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,				
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,				
MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,				
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RN 752223-92-0 HCAPLUS

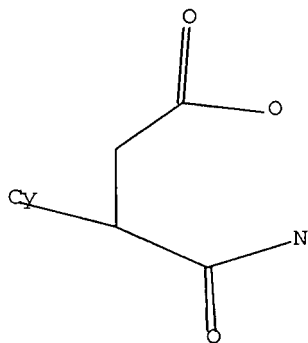
CN Butanediamide, N4-hydroxy-N1-[(1S)-1-(hydroxymethyl)-2,2-dimethylpropyl]-2-[3-[4-(4-pyridinyl)phenyl]-1-pyrrolidinyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 752224-07-0 HCAPLUS

CN Butanediamide, 2-(3-[1,1'-biphenyl]-4-yl-1H-pyrrol-1-yl)-N1-hydroxy-N4-[1-(methoxymethyl)-2-phenylethyl]- (9CI) (CA INDEX NAME)



IT 141907-41-7, *Matrix metalloproteinase*

RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(inhibitors; inhibitors of hepatitis C virus)

RN 141907-41-7 HCAPLUS

CN Proteinase, matrix metallo- (9CI) (CA INDEX NAME)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L82 ANSWER 7 OF 55 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:652634 HCAPLUS Full-text

DOCUMENT NUMBER: 141:174087

TITLE: Preparation of fused azabicyclic compounds that  
inhibit vanilloid receptor subtype 1 (VR1)

INVENTOR(S): Lee, Chih-Hung; Bayburt, Erol K.; Didomenico, Stanley;  
Drizin, Irene; Gomtsyan, Arthur R.; Koenig, John R.;  
Perner, Richard J.; Schmidt, Robert G.; Turner, Sean  
C.; White, Tammie K.; Zheng, Guo Zhu

PATENT ASSIGNEE(S): Abbott Laboratories, USA

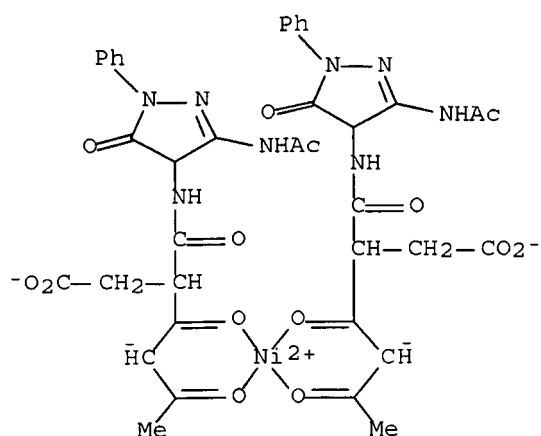
SOURCE: U.S. Pat. Appl. Publ., 93 pp., Cont.-in-part of U.S.  
Ser. No. 364,210.

CODEN: USXXCO

DOCUMENT TYPE: Patent



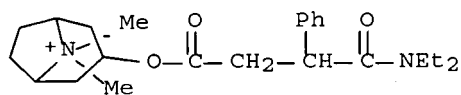
Absolute stereochemistry.



RN 725238-84-6 HCAPLUS

CN Butanedioic acid, [6-chloro-1,4-dihydro-1-[(5-methyl-2-furanyl)methyl]-2,4-dioxo-3(2H)-quinazolinyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

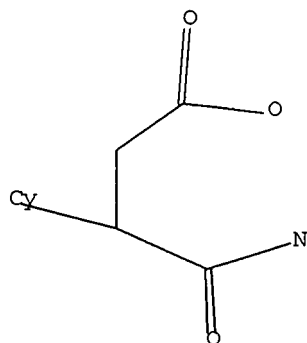


● I<sup>-</sup>

RN 725238-85-7 HCAPLUS

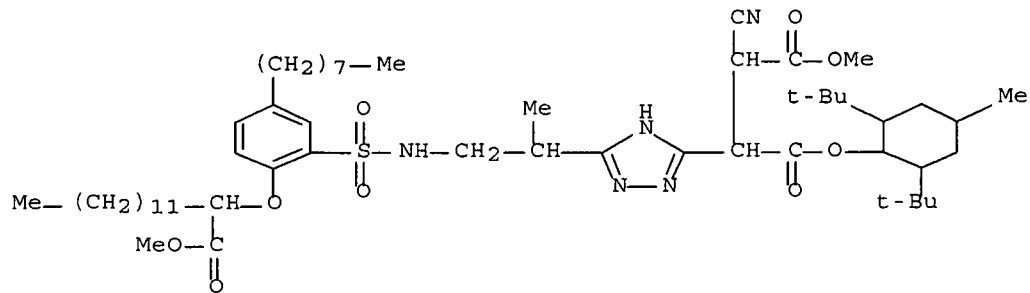
CN Butanedioic acid, [1-(2-furanylmethyl)-1,4-dihydro-6-(methylsulfonyl)-2,4-dioxo-3(2H)-quinazolinyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 725238-86-8 HCAPLUS

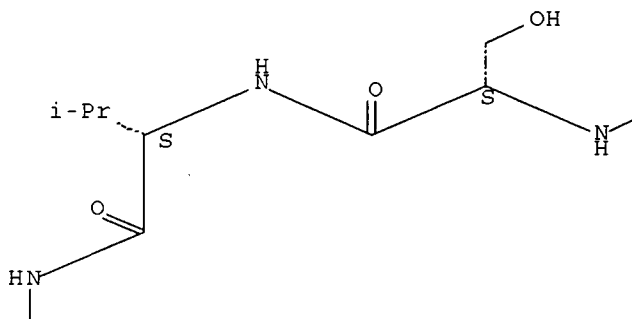
(methylsulfinyl)phenyl)methylene] - (9CI) (CA INDEX NAME)



RN 700362-95-4 HCAPLUS

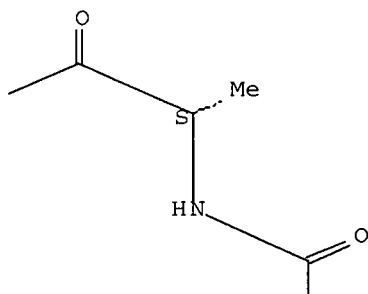
CN Benzeneacetic acid,  $\alpha$ -[2-[[1-carboxy-3-(methylsulfinyl)propyl]amino]-2-oxoethyl]-4-(2-methylpropyl) - (9CI) (CA INDEX NAME)

PAGE 1-B



RN 700362-96-5 HCAPLUS

CN 1H-Indole-3-acetic acid,  $\alpha$ -[2-[[1-carboxy-3-(methylsulfinyl)propyl]amino]-2-oxoethyl]-1-(4-chlorobenzoyl)-5-methoxy- (9CI) (CA INDEX NAME)



L82 ANSWER 10 OF 55 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:368857 HCAPLUS Full-text

DOCUMENT NUMBER: 140:386000

TITLE: Compounds, compositions and methods for modulating fat metabolism for treatment of metabolic disorders

INVENTOR(S): Gaudriault, Georges; Kilinc, Ahmet; Bousquet, Olivier; Goupil-Lamy, Anne; Harosh, Itzik

PATENT ASSIGNEE(S): Obetherapy Biotechnology, Fr.

SOURCE: PCT Int. Appl., 461 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037159	A2	20040506	WO 2003-IL860	20031023 <--
WO 2004037159	A3	20040715		

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003274652	A1	20040513	AU 2003-274652	20031023 <--
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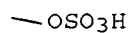
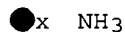
PRIORITY APPLN. INFO.:	US 2002-420316P	P	20021023 <--
	WO 2003-IL860	W	20031023 <--

OTHER SOURCE(S): MARPAT 140:386000

AB Methods and compns. of identifying candidate compds., for modulating fat metabolism and/or inhibiting Apobec-1 activity are provided. The invention relates to compds. and pharmaceutical compns. which are useful for regulating fat metabolism and can be used for treatment of diseases and disorders

Absolute stereochemistry.

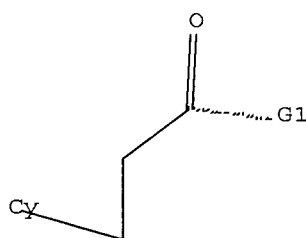
PAGE 1-B



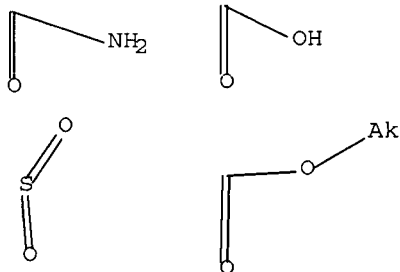
RN 205807-59-6 HCAPLUS

CN Butanediamide, N1-[(1S)-2,2-dimethyl-1-[(methylamino)carbonyl]propyl]-N4-hydroxy-3-(hydroxymethyl)-4-(4-methoxyphenyl)-, (2S,3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



N 1



G1 O, [1]

REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L82 ANSWER 24 OF 55 HCAPLUS COPYRIGHT 2006 ACS on STN

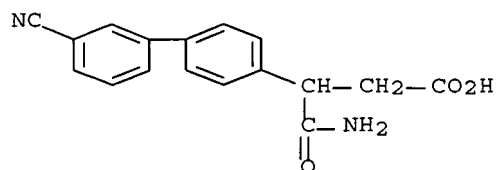
ACCESSION NUMBER: 2002:315563 HCAPLUS Full-text

DOCUMENT NUMBER: 137:56988

TITLE:  $\beta$ -Aryl-Succinic Acid Hydroxamates as Dual Inhibitors of *Matrix Metalloproteinases* and Tumor Necrosis Factor Alpha Converting Enzyme

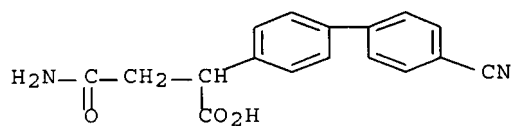
pyridinylamino)carbonyl]propyl]amino]carbonyl]-, (βR)- (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



RN 256645-54-2 HCAPLUS

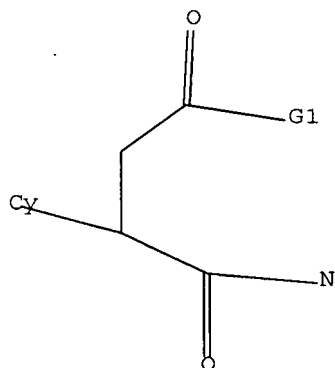
CN 1H-Pyrrole-1-propanoic acid, 3-[1,1'-biphenyl]-4-yl-β-[[[1-(hydroxymethyl)-2-phenylethyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



RN 256645-63-3 HCAPLUS

CN 1H-Pyrrole-1-propanoic acid, 3-[1,1'-biphenyl]-4-yl-β-[[[1-(methoxymethyl)-2-phenylethyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

N<sup>1</sup>



G1 O, [1]

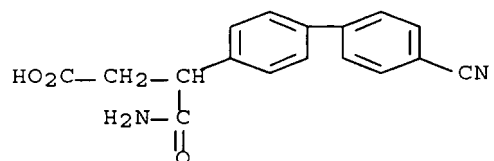
RN 256645-64-4 HCAPLUS

CN 1H-Pyrrole-1-propanoic acid, 3-[1,1'-biphenyl]-4-yl-β-[[[hydroxy[1-(methoxymethyl)-2-phenylethyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

RN 247047-69-4 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1S)-2,3-dihydro-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

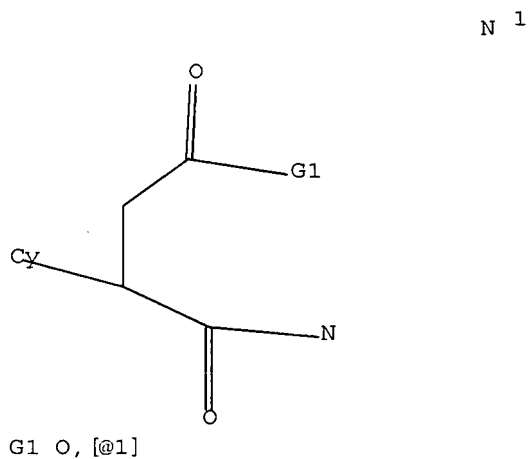
Absolute stereochemistry. Rotation (+).



RN 247047-70-7 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1S)-6-acetyl-2,3-dihydro-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

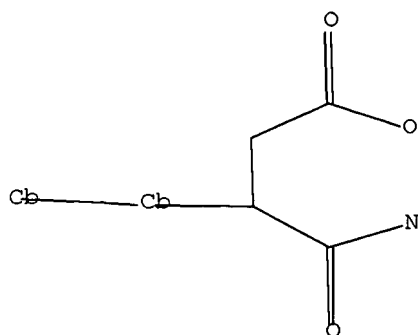
Absolute stereochemistry.



RN 247047-71-8 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1S)-2,3-dihydro-6-(1-hydroxyethyl)-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

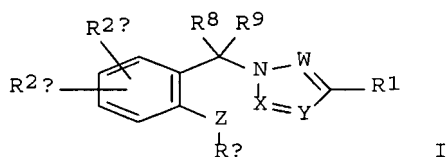
Absolute stereochemistry.



RN 247047-72-9 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1S)-6-benzoyl-2,3-dihydro-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

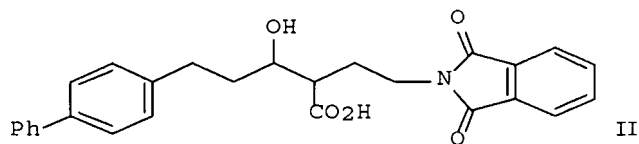
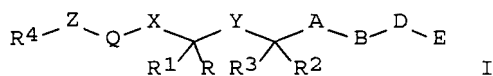
Absolute stereochemistry.



RN 247047-73-0 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1S)-2,3-dihydro-6-(hydroxyphenylmethyl)-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

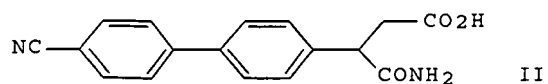
Absolute stereochemistry.



RN 247047-74-1 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1R)-2,3-dihydro-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

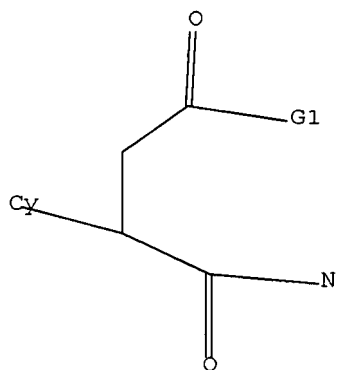


RN 247047-75-2 HCAPLUS

CN 8-Azaspiro[4.5]decane-8-butanoic acid,  $\alpha$ -[(1R)-2,3-dihydro-1H-inden-1-yl]- $\gamma$ -oxo-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

N 1

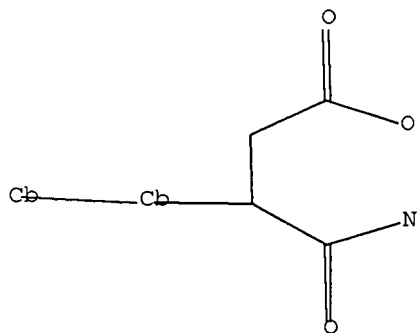


G1 O, [01]

RN 247047-76-3 HCAPLUS

CN 1-Piperidinebutanoic acid,  $\alpha$ -[(1R)-2,3-dihydro-1H-inden-1-yl]-4,4-dimethyl- $\gamma$ -oxo-, ( $\alpha$ R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 247047-77-4 HCAPLUS

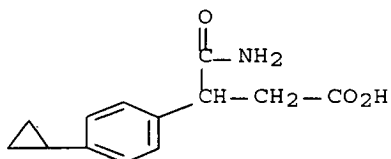
CN 1-Piperidinebutanoic acid,  $\alpha$ -[(1R)-2,3-dihydro-1H-inden-1-yl]-4,4-dimethyl- $\gamma$ -oxo-, ( $\alpha$ S)-rel- (9CI) (CA INDEX NAME)



RN 247047-81-0 HCAPLUS

CN 1-Piperidinebutanoic acid,  $\alpha$ -[(1R)-2,3-dihydro-1H-inden-1-yl]-4-methyl- $\gamma$ -oxo-, calcium salt, ( $\alpha$ S)-rel- (9CI) (CA INDEX NAME)

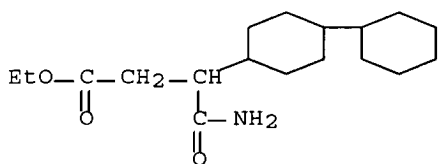
Relative stereochemistry.



RN 247047-82-1 HCAPLUS

CN 1-Piperidinebutanoic acid,  $\alpha$ -[(1S)-2,3-dihydro-1H-inden-1-yl]-4-methyl- $\gamma$ -oxo-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

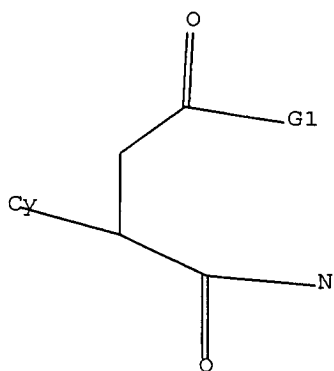


RN 247047-83-2 HCAPLUS

CN 1-Piperidinebutanoic acid,  $\alpha$ -[(1S)-2,3-dihydro-1H-inden-1-yl]-4-methyl- $\gamma$ -oxo-, calcium salt, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

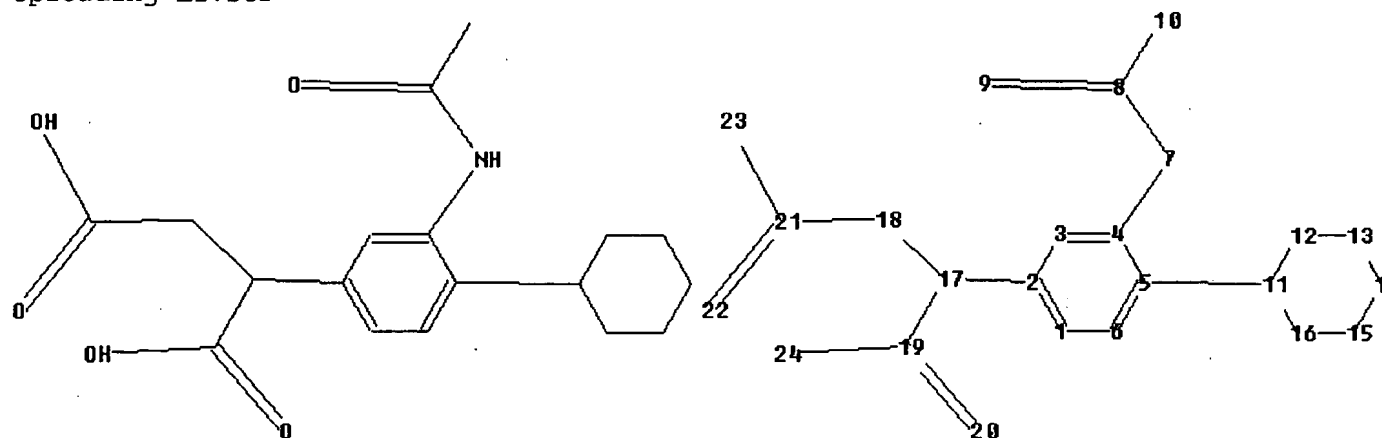
N 1



G1 O, [01]

10569812

Uploading L1.str



chain nodes :

7 8 9 10 17 18 19 20 21 22 23 24

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16

chain bonds :

2-17 4-7 5-11 7-8 8-9 8-10 17-18 17-19 18-21 19-20 19-24 21-22 21-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

exact/norm bonds :

4-7 7-8 8-9 11-12 11-16 12-13 13-14 14-15 15-16

exact bonds :

2-17 5-11 8-10 17-18 17-19 18-21

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 21-22 21-23

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS

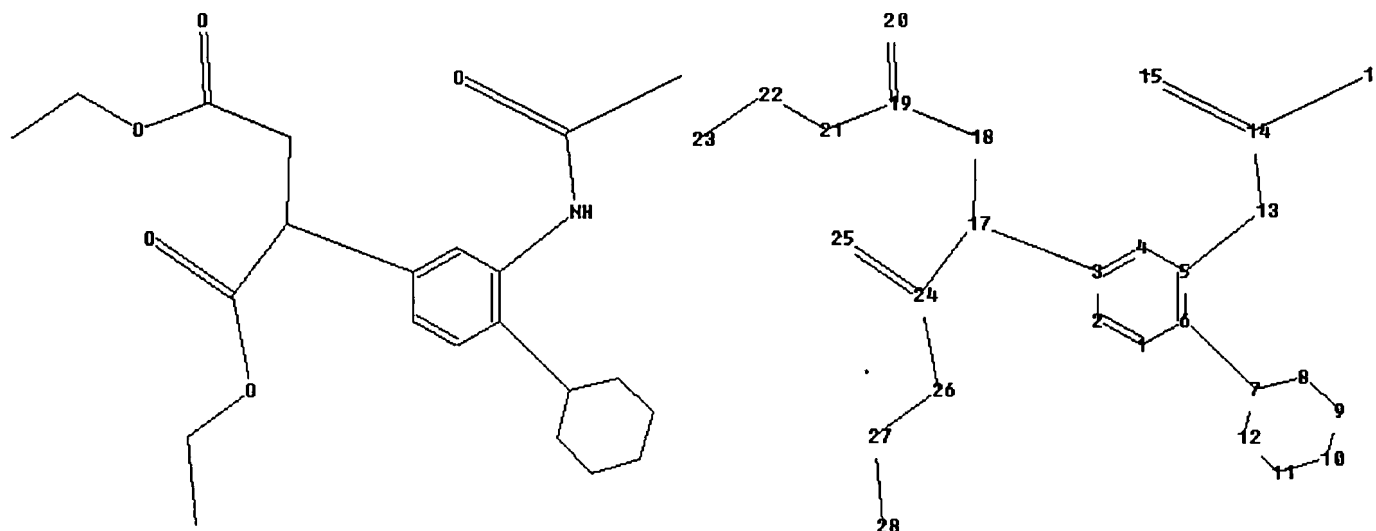
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS

20:CLASS 21:CLASS

22:CLASS 23:CLASS 24:CLASS

Uploading L2.str

10569812



chain nodes :

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

3-17 5-13 6-7 13-14 14-15 14-16 17-18 17-24 18-19 19-20 19-21 21-22 22-23

24-25 24-26 26-27 27-28

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

5-13 7-8 7-12 8-9 9-10 10-11 11-12 13-14 14-15 19-20 19-21 21-22 24-25 24-26 26-27

exact bonds :

3-17 6-7 14-16 17-18 17-24 18-19 22-23 27-28

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

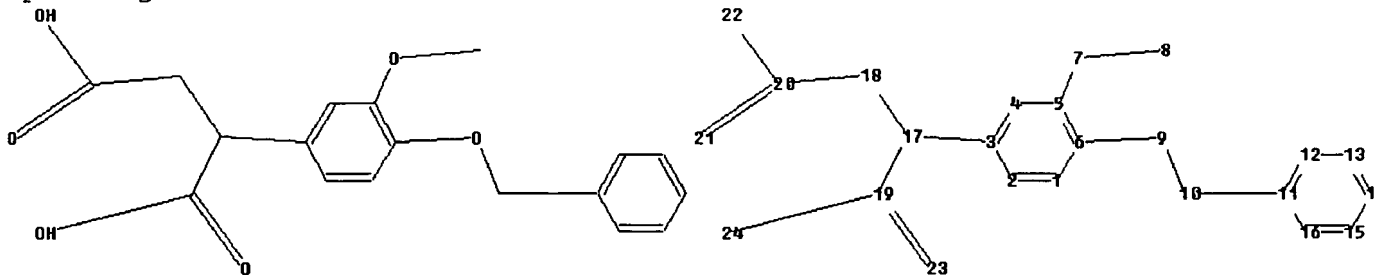
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11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

19:CLASS 20:CLASS 21:CLASS

22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS

Uploading L3.str



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chain nodes :

7 8 9 10 17 18 19 20 21 22 23 24

ring nodes :

1	2	3	4	5	6	11	12	13	14	15	16
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chain bonds :

3-17 5-7 6-9 7-8 9-10 10-11 17-18 17-19 18-20 19-23 19-24 20-21 20-22

ring bonds :

1-2   1-6   2-3   3-4   4-5   5-6   11-12   11-16   12-13   13-14   14-15   15-16

exact/norm bonds :

5-7    6-9    7-8    9-10

exact bonds :

3-17    10-11    17-18    17-19    18-20

normalized bonds :

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20-21      20-22

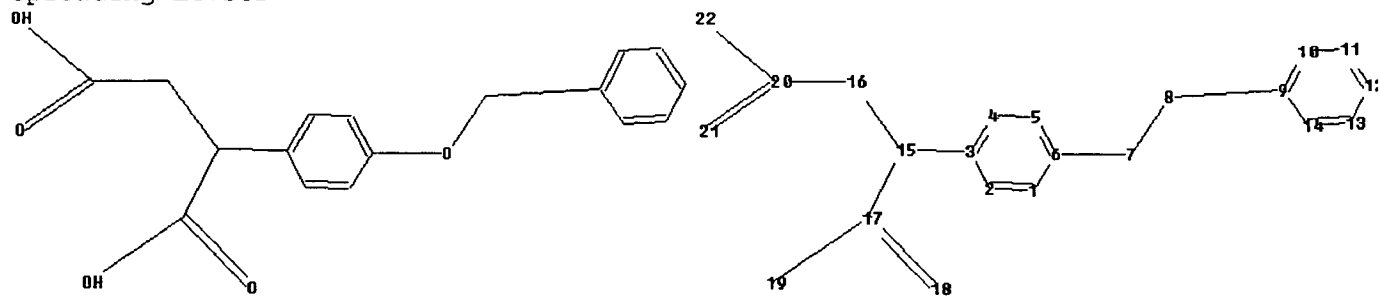
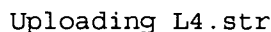
Match level :

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1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS 10:CLASS
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
```

20:CLASS 21:CLASS

22:CLASS 23:CLASS 24:CLASS



chain nodes :

7 8 15 16 17 18 19 20 21 22

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14

chain bonds :

3-15 6-7 7-8 8-9 15-16 15-17 16-20 17-18 17-19 20-21 20-22

ring bonds :

1-2   1-6   2-3   3-4   4-5   5-6   9-10   9-14   10-11   11-12   12-13   13-14

exact/norm bonds :

6-7      7-8

exact bonds :

3-15    8-9    15-16    15-17    16-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 17-18 17-19

20-21      20-22

Match level :

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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
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